

SEQUENCE LISTING

<110> Bay, Sylvie
Cantacuzene, Daniele
Leclerc, Claude
Lo-Man, Richard

<120> MULTIPLE ANTIGEN GLYCOPEPTIDE CARBOHYDRATE,
VACCINE COMPRISING THE SAME AND USE THEREOF

<130> 102.166A-1

<140> 09/405,986

<141> 1999-09-27

<150> US 09/049,847

<151> 1998-03-27

<150> US 60/041,726

<151> 1997-03-27

<160> 25

<170> PatentIn version 3.1

<210> 1

<211> 15

<212> PRT

<213> Clostridium tetani

<400> 1

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| Gln | Tyr | Ile | Lys | Ala | Asn | Ser | Lys | Phe | Ile | Gly | Ile | Thr | Glu | Leu |
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| 1 | | | | 5 | | | | | 10 | | | | 15 | | |

| | | | | |
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| | | | 20 | |

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<213> Clostridium tetani

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Asn Gly Lys Leu Ile Ala Tyr Pro Ile Ala Val Glu Ala Leu Ser
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<223> Designed peptidic T-Helper Cell epitope that typically binds to a
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Class II molecules

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Arg Thr Leu

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Gly Thr Leu Gly Ile Val Cys Pro Ile Cys
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B-cell epitope and a CD4+ T-cell epitope able to induce anti-
saccharidic antibodies

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Ser Thr Thr Gly Gly Gly Gly Gly Gly Lys Gly
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Ile Thr Tyr Lys Asp Thr
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Leu